September 1987

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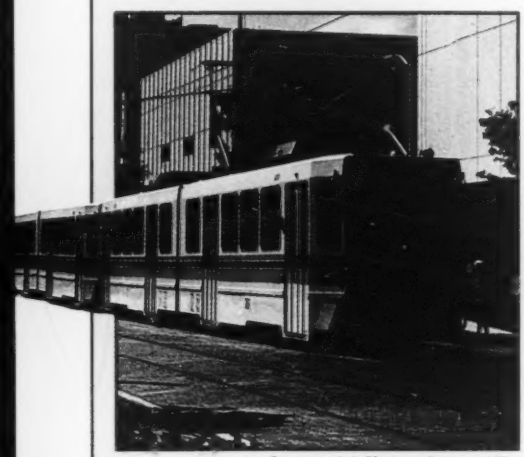
Railway Age

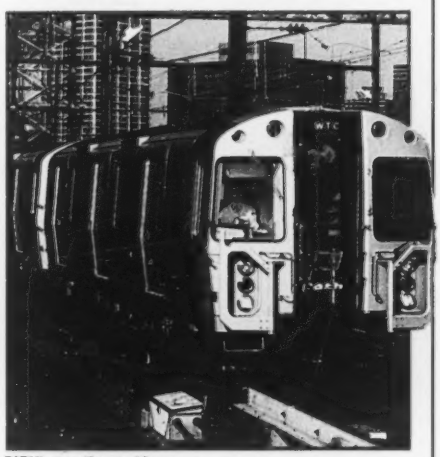
...for the new age of railways and rail transit

AMERICA IN TRANSIT



Sacramento's Siemens-Duewag LRVs

Two notable anniversaries—the electric street railway's 100th, and PATH's 25th—underscore the enduring vitality of rail transit as a mover of people.



PATH's new Kawasaki cars

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High productivity trains: How integral? How imminent?

Trinity/Pullman bulk commodity HPIT

How Union Pacific makes m/w dollars work harder

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Railway Age

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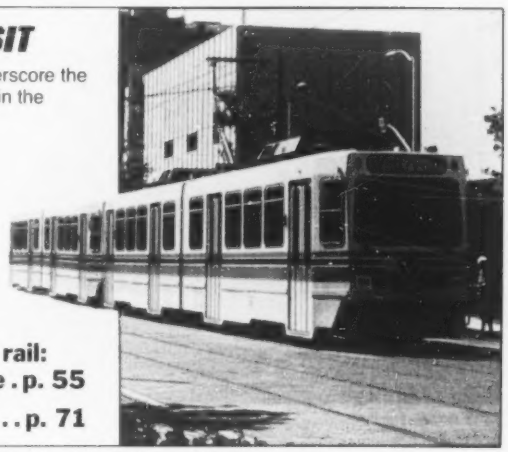
AMERICA IN TRANSIT

Two milestone anniversaries underscore the continuing, vital role of rail transit in the American urban lifestyle.



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Cover photos (clockwise): William D. Middleton, Robert G. Lewis, Trinity Industries

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Market Outlook

Equipment

British Rail: Has invited bids from six builders, including General Motors and General Electric, for the supply of 100 freight diesel-electric units valued at an estimated $160 million. Bids were also invited from three British builders and a British-German-Swiss consortium.

NJ Transit: Is seeking a federal grant for installation of automatic train control equipment on 33 locomotives and 300 m-u cars.

Pullman Leasing: Ordered 150 5,850-cubic-foot-capacity covered hopper cars for plastic pellet service from Trinity Industries. Earlier, Pullman Leasing ordered 100 such cars from Trinity which were pre-leased (RA, June, p. 16); the additional cars are being ordered to meet anticipated demand. All cars will be equipped with the Air-Release® venting system, Sur-Latch® hatch covers and Micro-Matic® discharge gates. Meanwhile, Union Pacific has signed a lease with Pullman Leasing for 150 3,148-cubic-foot-capacity Twin-Hopper® cars.

San Diego Metropolitan Transit Development Board: Placed an order with Siemens-Duewag for an additional 20 U-2 double-ended, articulated light rail cars costing $21 million. Completion of this order, the San Diego Trolley's fourth, will bring the vehicle fleet to 50. Deliveries are to begin in February 1989 and be completed in September 1989. Fifteen of the cars are for the El Cajon Line extension and five are for the new Bayside Line in Centre City.

Union Pacific: Ordered 100 microprocessor-equipped locomotives at a total cost of $110 million—75 4,000-hp Dash-8 units from General Electric and 25 3,800-hp SD60 units from the Electro-Motive Division of General Motors. Deliveries are to be completed next March.

Facilities

Association of American Railroads: Has contracted with Sperry Rail Service for semi-annual induction/ultrasonic inspection of the 45 mile test track at the Transportation Test Center, Pueblo, Col.

Bay Area Rapid Transit: Entered into an agreement with Bechtel Civil, Inc., under which the latter will provide a wide variety of engineering support services with a potential value of $1.5 million. Bechtel subcontractors in the assignment are Wong Engineering Inc., J. Warren and Associates, YEI Engineers, Inc., Innova Corp., Trans-Pacific Geotechnical Consultants, Inc., Geo Resource Consultants, and Greiner Engineering of California, Inc.

BC Rail: Will construct a 3,660-foot tunnel through the Shalalth bluff just north of Seton Portage, at a point where two separate slides interrupted service for a total of 17 days last year. Cost is estimated at $19 million (Canadian).

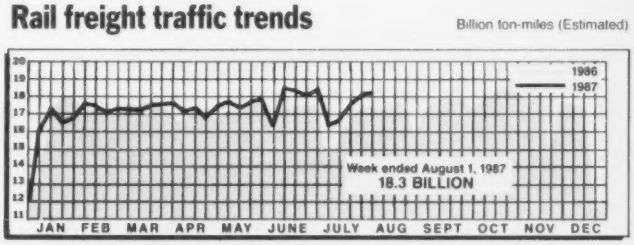
CSX Transportation: Awarded a contract to Union Switch & Signal for the supply of equipment for a new centralized dispatching center at Jacksonville, Fla. The cost was not specified. Equipment will include three pairs of DEC 8500 series processors, each pair consisting of a primary and a standby unit. Each dispatcher will have four CRTs—a detailed call-up CRT; two information scan CRTs; and a communications touch-activated CRT.

Revenue freight carloadings

Commodity	August 1 week	July 25 week	July 18 week	July 11 week
Grain	30,659	31,589	34,482	32,079
Other farm products	3,293	3,320	3,464	3,706
Metallic ores	15,892	17,188	15,451	15,293
Coal	114,542	112,358	107,797	83,777
Crushed stone, gravel and sand	16,781	16,580	16,414	15,439
Nonmetallic minerals	10,653	7,950	8,488	9,436
Grain mill products	10,561	10,732	10,673	10,436
Food and kindred products	11,526	11,004	10,387	10,048
Primary forest products	10,884	11,040	10,887	10,509
Lumber and wood products except furniture	8,957	8,211	8,225	7,417
Pulp, paper and allied products	12,928	12,060	11,529	12,645
Chemicals and allied products	25,071	25,264	24,056	24,786
Petroleum products	5,135	5,233	5,142	5,221
Stone, clay and glass products	11,450	11,267	10,918	10,694
Coke	5,152	5,475	4,913	5,255
Metals and products	9,375	9,084	9,036	8,445
Motor vehicles and equipment	13,968	14,967	14,511	11,548
Waste and scrap materials	8,405	8,497	8,566	7,861
Forwarder and shipper assn. traffic	2,777	2,744	2,817	2,859
All other carloads	76,091	75,628	69,042	67,727
LCL traffic	97	72	57	69
Total Cars Loaded	**404,197**	**400,263**	**386,855**	**355,250**
% change from previous year	5.8	4.5	3.7	2.4
Estimated revenue ton-miles (billions)	18.3	18.2	17.8	16.7
% change from previous year	6.2	5.5	6.5	6.2

Total:	1987	1986	% change
31 weeks	533.0	515.5	3.4

Rail freight traffic trends


Billion ton-miles (Estimated)
1986
1987
Week ended August 1, 1987
18.3 BILLION
JAN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DEC

Source: Association of American Railroads

Piggyback loadings

	August 1 week	July 25 week	July 18 week	July 11 week
Trailers/containers	101,213	99,451	99,406	92,595

Cumulative total, 31 weeks		% change from 1986
Trailers/containers	2,996,812	3.5